

ROLE-BASED IP MULTICAST ADDRESSING IN A WIRELESS LAN

ABSTRACT

5 A wireless LAN communications system capable of supporting communications
within a multidisciplinary group or team of individuals, each person equipped with a
wireless LAN radio and assigned to one of a number of possible roles in carrying out the
mission of the team. A multicast IP address corresponding to a specific role within the
group, a multicast IP address corresponding to a specific subgroup within the group, or a
10 multicast IP address corresponding to a generic subgroup within the group is assigned to
each LAN radio.